

WHAT IS CLAIMED IS:

1. A water treatment apparatus comprising:  
storage means for storing water to be treated including a  
pharmaceutical drug,  
5       apply means for applying said water to be treated into said storage  
means,  
      addition means for adding into said water to be treated metal salt  
generating halide ions when dissolved in said water to be treated, and  
      energizing means for applying current to a pair of electrodes  
10       immersed in said water to be treated in said storage means.
2. The water treatment apparatus according to claim 1, wherein  
said apply means comprises an input valve through which the water to be  
treated flowing into said storage unit passes, and an output valve through  
which the water discharged from said storage means passes.
3. The water treatment apparatus according to claim 1, wherein  
said storage means further comprises mixing means for mixing.
4. The water treatment apparatus according to claim 1, further  
comprising separation means for separating a solid from liquid in said  
storage means.
5. The water treatment apparatus according to claim 1, wherein  
said pair of electrodes is formed of a material including at least platinum.
6. The water treatment apparatus according to claim 1, further  
comprising liquid level sensing means for sensing a liquid level of said  
water to be treated in said storage means, wherein said liquid level sensing  
means, said energizing means and said apply means are under control of  
5       control means.

7. The water treatment apparatus according to claim 1, wherein said pharmaceutical drug is at least one of a sterilant, anticancer drug, and antibiotic.

8. A water treatment method comprising the step of decomposing or altering at least a portion of a chemical structure of a pharmaceutical drug in water to be treated through electrolysis to eliminate or reduce pharmacological activity of said pharmaceutical drug.

9. A water treatment method comprising the steps of:  
applying water to be treated including a pharmaceutical drug into a storage unit storing water to be treated,  
adding into said water to be treated metal salt generating halide  
5 ions when dissolved in said water to be treated, and  
applying current for a predetermined period of time to a pair of electrodes immersed in the water to be treated in said storage unit.

10. The water treatment method according to claim 9, wherein said applying step comprises the step of controlling an amount of said water to be treated applied into said storage unit by controlling  
opening/closure of an inlet valve through which the water to be treated  
5 flowing into said storage unit passes and an output valve through which the water discharged from said storage unit passes.

11. The water treatment method according to claim 9, further comprising the step of mixing contents in said storage unit.

12. The water treatment method according to claim 9, further comprising the step of separating a solid from liquid in said storage unit.

13. The water treatment method according to claim 9, wherein said pair of electrodes is formed of a material including at least platinum.

14. The water treatment method according to claim 9, wherein said water to be treated includes waste fluid discharged from a facility handling said pharmaceutical drug.

15. The water treatment method according to claim 9, wherein said pharmacological activity is at least one of bactericidal action, disinfection, cytotoxicity, and mutagenicity.

16. The water treatment method according to claim 9, wherein said metal salt includes sodium chloride.

17. The water treatment method according to claim 9, wherein said pharmaceutical drug is at least one of a sterilant, anticancer drug, and antibiotic.